AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1.   (Currently Amended) A ~~data~~ <u>performance</u> visualization system for use in storing

and visualizing <u>performance</u> data ~~generated during use of one or more process management~~

<u>representing the performance of multi-agent</u> systems in managing processes, said ~~data~~

~~management~~ <u>performance visualization</u> system comprising:

    i)   a request input for receiving a ~~data~~ <u>performance</u> visualization service request ~~from~~

        <u>in respect of</u> a ~~process management~~ <u>multi-agent</u> system;

    ii)   a <u>performance</u> data input for receiving <u>performance</u> data inputs from the ~~process~~

~~management~~ <u>multi-agent</u> system;

    iii)   a service definitions store for storing a set of data visualization service definitions

        each comprising <u>a data visualization service identifier and</u> one or more service

        requirements in relation ~~to respective ones of a set of data visualization service~~

        ~~identifiers,~~ <u>thereto said service requirements</u> including identification of data

        inputs required for provision of ~~data~~ <u>said performance</u> visualization services in

        respect of each data visualization service~~s in respect of each data visualization~~

        ~~service identifier;~~

    iv)   ~~data~~ <u>performance</u> visualization service request processing means for accessing a

        service identifier in a received ~~data~~ <u>performance</u> visualization service request;

v)   service identifier processing means for selecting a service definition from the

service definition store in accordance with an accessed service identifier;

vi)   a <u>performance</u> data input store for storing <u>performance</u> data inputs from the

~~process management~~ <u>multi-agent</u> system required for provision of ~~a~~ <u>the</u>

<u>performance</u> data visualization service associated with an accessed data

visualization service identifier; and

vii)   means to associate data inputs received ~~form~~ <u>from</u> a ~~process management~~ <u>multi-

agent</u> system with the ~~process management~~ <u>multi-agent</u> system which generated

the <u>performance</u> data, together with means to review the contents of the

<u>performance</u> data input store for entries in respect of that ~~process management~~

<u>multi-agent</u> system.

2.   (Currently Amended) A ~~data~~ <u>performance</u> visualization system as in claim 1, the

system also comprising a visualization tool store for storing a set of visualization tools.

3.   (Currently Amended) A ~~data~~ <u>performance</u> visualization system as in claim 1,

wherein ~~at least one of the~~ <u>said</u> service definitions <u>store</u> defines a data storage service in which

data inputs of one or more types are stored in the data input store.

4.   (Currently Amended) A ~~data~~ <u>performance</u> visualization system as in claim 3

having means to map data inputs identified by a first service definition to data inputs already

stored in accordance With a second service definition.

- 4 -

1092157

5. (Currently Amended) A ~~data~~ performance visualization system as in claim 2, the system further comprising a visualization tool input for loading visualization tools to the visualization tool store, said store being provided with an index of tools currently loaded.

6. (Currently Amended) A ~~data~~ performance visualization system as in claim 1 which system also comprises data analysis means.

7. (Currently Amended) A method of visualizing performance data ~~generated during use of one or more process management systems~~ representing the performance of systems in managing processes, said method comprising:

   i) receiving a ~~data~~ performance visualization service request ~~from a process management~~ in respect of multi-agent system;

   ii) receiving performance data inputs from the ~~process management~~ multi-agent system;

   iii) storing a set of performance data visualization service definitions in a service definition store, each said service definition including a data visualization service identifier and identification of data inputs required for provision of ~~a~~ said data visualization service ~~in respect of a data visualizatoin service identifier~~;

   iv) accessing a performance data visualization service identifier in a received performance data visualization service request;

   v) selecting a service definition from the service definition store in accordance with the accessed service identifier; and

- 5 -

vi)   storing data inputs in association with the ~~process management~~ multi-agent system making the ~~data~~ performance visualization service request, which performance data inputs have been identified by the selected service definition.

8.   Cancelled.

9.   (Currently Amended) A method as in claim 7, the method further comprising:

loading one or more service definitions to the service definitions store, subsequent to receiving performance data inputs from the ~~process management~~ multi-agent system, said subsequently loaded service definition(s) identifying at least one of said data inputs previously received.

10. – 27.   Cancelled,